

PA-SHT REV

CONDUIT DESIGNATION	CIRCUIT No.	FROM	TO	SERVICE	CONDUIT NUMBER OF SETS	SIZE	CABLE (PER CDT.) OR BUSWAY NUMBER & SIZE	TYPE	REMARKS	CONDUIT DESIGNATION	CIRCUIT No.	FROM	TO	SERVICE	CONDUIT NUMBER OF SETS	SIZE	CABLE NUMBER
MEDIUM VOLTAGE 15KV CABLE (SEE DWG. #E-68, RISER DIAGRAM)										FDR'S - TRANSFER FROM EXIST. SWGR							
PF-B5C	—	EXIST. 15KV SPLICE CABINET	BKR. #HV-B1	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-4	1-4	SWGR. BUS #1	ATS-75ER	480V	4	3"	3-350MCM
PF-B5C TEMP	—	BKR. #HV-B1	EXIST. TR-S	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.		—	ATS-75ER	SWGR. BUS #EL-7SE	480V	4	3"	3-350MCM
PF-B6C	—	EXIST. 15KV SPLICE CABINET	BKR. #HV-B2	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-5	2-4	SWGR. BUS #2	MCC-ME75R	480V	3	3 1/2"	3-350MCM
PF-B6C TEMP	—	BKR. #HV-B2	EXIST. TR-6	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.	R-B1	2-6	SWGR. BUS #2	EXIST. P.B. #1	480V	1	2 1/2"	3-350MCM
PF-B7C	—	EXIST. 15KV SPLICE CABINET	BKR. #HV-B3	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	L-6	1-6	SWGR. BUS #1	PNL DP-7SW	480/277V	2	3 1/2"	4-500MCM
PF-B7C TEMP	—	BKR. #HV-B3	EXIST. TR-7	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.	L-4	3-4	SWGR. BUS #3	EXIST. P.B. #16	480V	2	3 1/2"	4-500MCM
PF-B8C	—	EXIST. 15KV SPLICE CABINET	BKR. #HV-B4	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-16	3-1	SWGR. BUS #3	EXIST. P.B. #16	480V	2	3 1/2"	3-350MCM
PF-B8C TEMP	—	BKR. #HV-B4	EXIST. TR-B	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.	R-17	4-5	SWGR. BUS #4	EXIST. P.B. #16	480V	3	3 1/2"	3-350MCM
FDR'S - TRANSFER FROM EXIST. SWGR "L" BUS (SEE DWG. #E-69, ONE LINE DIAGRAM)										FDR'S - TRANSFER FROM EXIST. SWGR							
L-1	3-5	SWGR. BUS #3	ATS-75EL	480V	5	3 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.	◇ VIA P.B. #2, USING EXIST. 3 1/2" C. FROM P.B. #6 TO PNL.	R-10	EL-1	SWGR. BUS #EL	EXIST. P.B. #1	480V	1	2 1/2"	3-250MCM
	—	ATS-75EL	EUP #EL-B76S	480V	5	3 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.		R-11	EL-2	SWGR. BUS #EL	EXIST. P.B. #1	480V	1	3 1/2"	3-500MCM
L-3-TEMP.	4-6	SWGR. BUS #4	EXISTING TRANSF. #TR-L3	480V	2	3 1/2"	3-500MCM 1-#2/0	XHHW-2 GND.	◇ PROVIDE CABLE LUGS AT SWGR. BREAKER	R-12	EL-3	SWGR. BUS #EL	EXIST. P.B. #1	480V	1	3 1/2"	3-500MCM
L-3	4-1	SWGR. BUS #4	TRANSF. #TR-L3	480V	2	3 1/2"	3-500MCM 1-#2/0	XHHW-2 GND.	◇ DEAN WITTE - INSTALL C.T. WIRING TO METER	R-13	EL-4	SWGR. BUS #EL	ELEV. DISTRIBUTION PNL #EL-A76	480V	2	3"	3-350MCM
L-3	—	CB-L3	EXIST. 1600A BUSWAY	208/120V	1	—	2000A BUSWAY	3# F.H. GND.	◇	EMERG. POWER FDR'S FROM ELEC.							
L-4a	4-2	SWGR. BUS #4	BUSWAY CAP	480/277V	1	—	2000A BUSWAY	3# F.H. GND.	◇	R-2	—	EXIST. POW. CONTR. EPC-75B	ATS-75EL	480V	2	3 1/2"	3-500MCM
L-4b	3-2	SWGR. BUS #3	EXIST. 1600A BUSWAY	480/277V	1	—	2000A BUSWAY	3# F.H. GND.	◇ DEAN WITTE - INSTALL C.T. WIRING TO METER	R-3	—	EXIST. POW. CONTR. EPC-75B	EXIST. P.B. #1	480V	1	2"	3-#2
L-7	4-4	SWGR. BUS #4	MCC-ME75L	480V	3	3 1/2"	3-500MCM 1-#3/0	XHHW-2 GND.	—		—	EXIST. P.B. #1	ATS-75ER	480V	1	2"	3-#2
										E-CP-75E	—	PANEL #E-75B	P.B. "A"	208V	1	1 1/4"	2 #
									—		P.B. "A"	DISC. SW. NORM. & U.P.S.	208V	1	1 1/4"	2 #	
										UPS-75E	—	U.P.S.	PANEL CP-75W	120/240V	1	1 1/4"	3 #
										CP-75-BP	—	PULL BOX	UPS-SS-75E	120/240V	1	1 1/4"	3 #
FDR'S - TRANSFER FROM EXIST. SWGR "R" BUS (SEE DWG. #E-69, ONE LINE DIAGRAM)										TEMPORARY 480/277V. BUS							
R-1	2-1	SWGR. BUS #2	TRANSF. #TR-R1	480V	2	3 1/2"	3-500MCM 1-#2/0	XHHW-2 GND.	◇ PROVIDE CABLE LUGS AT SWGR. BREAKER	E-SB-SE	—	PANEL #E-75B	PULL BOX	208/120V	1	2"	3 #4 1-#2
R-1	—	CB-R1	EXIST. 1600A BUSWAY	208/120V	1	—	2000A BUSWAY	3# F.H. GND.									
R-1-TEMP	3-3	SWGR. BUS #4	EXISTING TRANSF. #TR-R1	480V	2	3"	3-500MCM 1-#2/0	XHHW-2 GND.	◇								
R-2a	1-2	SWGR. BUS #1	BUSWAY CAP	480/277V	1	—	2000A BUSWAY	3# F.H. GND.	◇	I.B.	1-2	SWGR. BUS #3 4000A 600V BUSWAY	EXIST. COLLECTOR BUSWAY	480/277V	1	—	4000A BUSWAY
R-2b	2-2	SWGR. BUS #2	EXIST. 1600A BUSWAY	480/277V	1	—	2000A BUSWAY	3# F.H. GND.	◇								
R-3	2-7	SWGR. BUS #2	EXIST. P.B. #1	480V	1	3 1/2"	3-500MCM 1-#1/0	XHHW-2 GND.	◇								